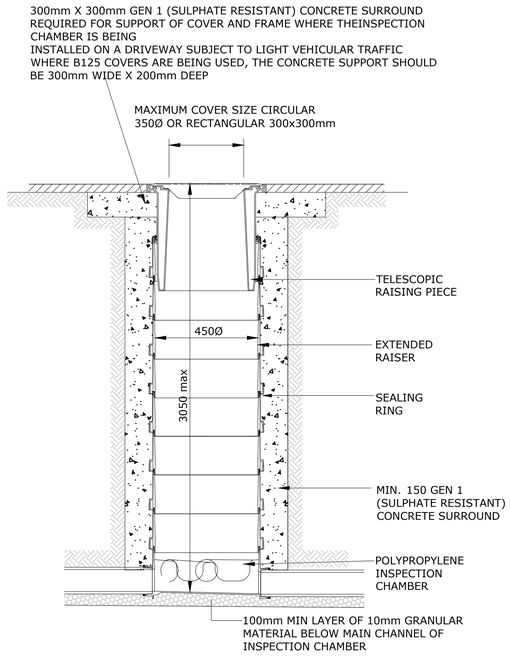
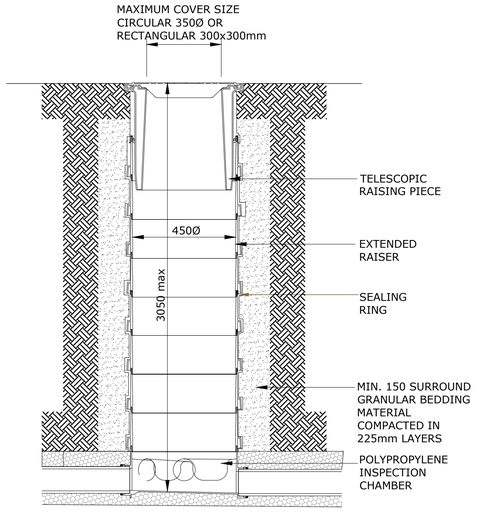
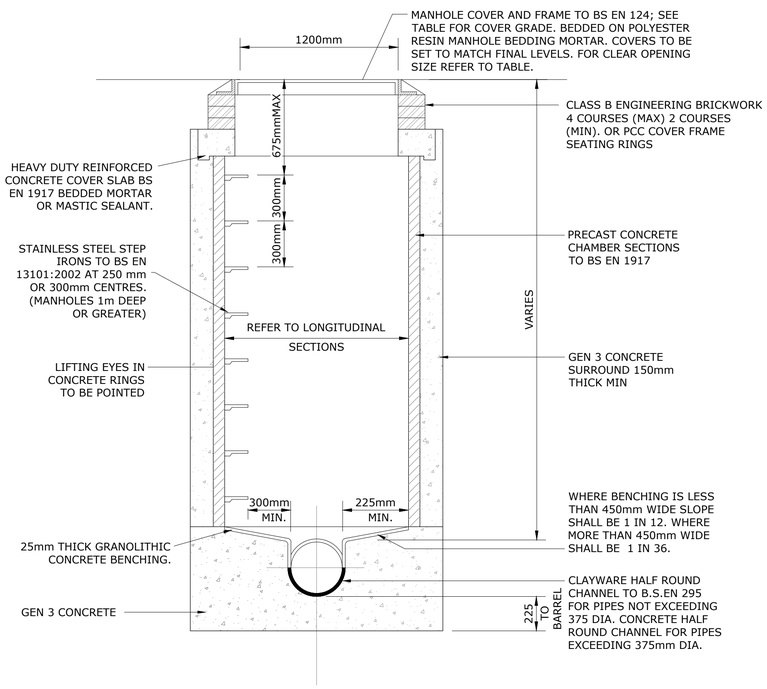
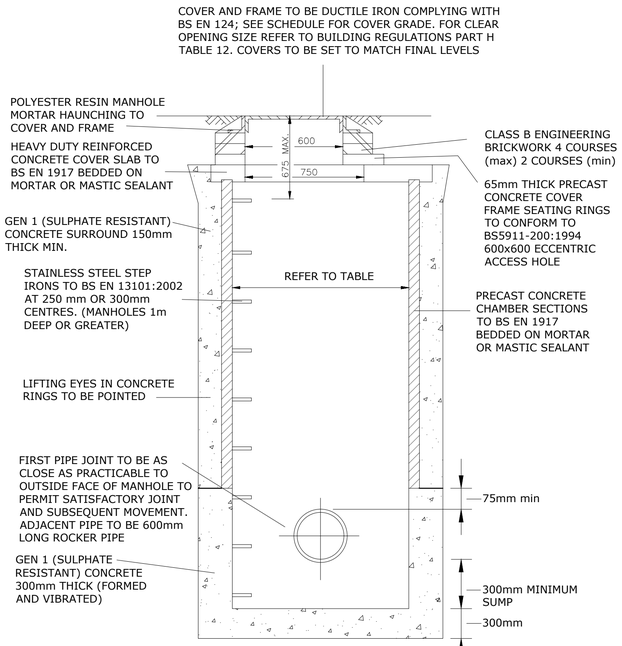


DEEP INSPECTION CHAMBER DETAIL 1.2m–3.050 (MAX) FROM COVER TO INVERT FOR USE IN HARD PAVED (LIGHTLY TRAFFICKED) AREAS

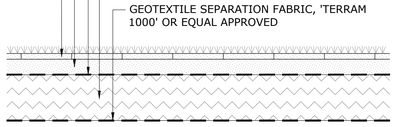


DEEP INSPECTION CHAMBER DETAIL 1.2m–3.050m(MAX) FOR USE IN LANDSCAPED AREAS

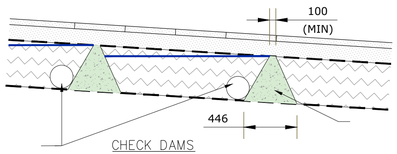




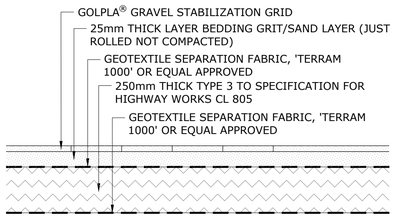
TYPICAL CATCHPIT DETAIL



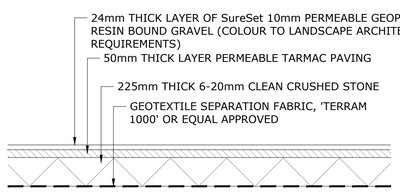
REINFORCED GRASS CONSTRUCTION, POROUS



CHECK DAMS



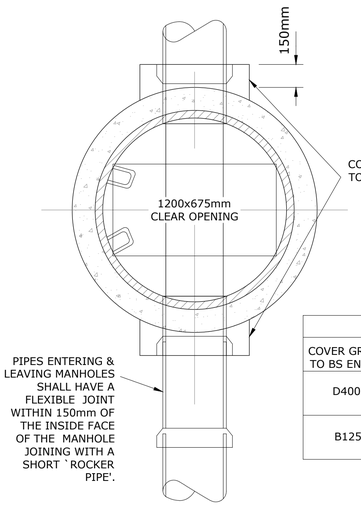
STABILISED GRAVEL CONSTRUCTION SURFACE



PERMEABLE RESIN BOUND GRAVEL SURFACE

ALL DETAILS ARE BASED ON THE CBR VALUE OF 5%. PERMEABLE SUB-BASE DEPTHS BASED ON ON-SITE TESTING. CONTRACTOR TO INFORM DESIGN TEAM IF EXCAVATED STRATA DIFFERS FROM THAT IDENTIFIED IN THE SOILS/PERMEABILITY REPORTS.

REFER TO ARCHITECTS DRAWINGS FOR TYPE, LOCATION, COLOUR AND PATTERN OF EXTERNAL SURFACING MATERIALS



DIA. PIPE	DIA. CHAMBER
150-300	1200
>300	1500

REFER TO LAYOUT FOR FURTHER DETAILS

COVER GRADES AND AREAS OF USE	
COVER GRADE TO BS EN 124	LOCATION
D400	FOR USE IN ACCESS ROADS AND PARKING AREAS ACCESSIBLE TO ALL TYPES OF ROAD VEHICLES INCLUDING HGV'S.
B125	FOR USE IN FOOTWAYS, PEDESTRIAN AREAS, DRIVEWAYS AND CAR PARKS ACCESSIBLE BY LIGHT VEHICLES ONLY.

CIRCULAR PRECAST CONCRETE MANHOLE (PRIVATE)

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8. ANY DISCREPANCIES OR VARIATIONS ARE TO BE REPORTED IMMEDIATELY TO QED STRUCTURES FOR CLARIFICATION BEFORE THE AFFECTED WORK COMMENCES.
9. ALL DIMENSIONS ARE TO BE CHECKED ON SITE, ANY DISCREPANCIES RE TO BE REPORTED IMMEDIATELY TO QED STRUCTURES FOR CLARIFICATION BEFORE THE AFFECTED WORK COMMENCES
10. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS AND FOR THE STABILITY OF THE WORKS IN PROGRESS
11. THIS DOCUMENT MUST NOT BE ALTERED, REPRODUCED OR DISTRIBUTED WITHOUT PRIOR WRITTEN CONSENT OF THE ORIGINATOR.
12. THE CONTRACTOR WILL ASCERTAIN THE CBR VALUE OF THE SUBGRADE IN ORDER TO DETERMINE THE REQUIRED SUB-BASE / CAPPING THICKNESS. PRIOR TO LAYING ANY MATERIAL, THE SUBGRADE MUST BE INSPECTED AND ANY SOFT SPOTS REMOVED AND FILLED WITH 6F2 CAPPING MATERIAL.
13. PRIOR TO THE CONSTRUCTION OF ANY DRAINAGE WORKS, THE CONTRACTOR IS TO CONFIRM THE INVERT LEVELS OF EXISTING MANHOLES, DRAINS AND SEWERS. ANY VARIATIONS FROM THE DESIGNED LEVELS SHOWN ON THE DRAWINGS MUST BE REPORTED TO THE DRAINAGE ENGINEER IN ADVANCE OF CONSTRUCTION WORKS COMMENCING. ALL NEW SEWERS AND DRAINS ARE TO BE LAID IN SEQUENCE STARTING FROM THE OUTFALL LOCATION.
14. ALL DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH RELEVANT BUILDING REGULATION DOCUMENTS AND CURRENT SEWAGE SECTOR GUIDANCE. CONNECTIONS TO PUBLIC SEWERS ARE TO BE AGREED AND INSPECTED BY THE WATER AUTHORITY.
15. ALL DRAIN AND SEWER PIPES ARE Ø100MM AND LAID SOFFIT TO SOFFIT, UNLESS SHOWN OTHERWISE.
16. INVERT TO BASE OF SOIL STACK BENDS TO BE 450MM BELOW LOWEST BRANCH CONNECTION FOR UP TO THREE STOREY BUILDINGS; FOR BUILDINGS UP TO FIVE STOREYS, THE INVERT TO THE BASE OF SOIL STACK BENDS SHOULD NOT BE LESS THAN 750MM. ALL FOUL AND SURFACE WATER DRAINAGE STACKS ARE TO HAVE ABOVE GROUND RODDING ACCESS. REFER TO ABOVE GROUND DRAINAGE LAYOUT(S) BY OTHERS.
17. ALL BELOW GROUND CONNECTIONS ARE TO MATCH ABOVE GROUND OUTLET SIZE, MINIMUM Ø100MM. SVPS ARE TO PROJECT 100MM ABOVE FINISHED FLOOR LEVEL.
18. ALL INTERNAL MANHOLES AND INSPECTION CHAMBERS TO HAVE DOUBLE SEALED RECESSED COVERS TO SUIT FLOOR FINISHES AS DEFINED BY THE ARCHITECT.
19. ALL EXTERNAL COVERS IN NON-ASPHALT AREAS ARE TO HAVE RECESSED COVERS TO SUIT THE PAVING MATERIAL.

REV	DESCRIPTION	DATE	BY	APP
P01	Issued for information	27/03/2026	RCC	MT

QED structures
CONSULTING CIVIL AND STRUCTURAL ENGINEERS
TEL +44 (0) 1273 033680

QED PROJECT No.
25-564

CLIENT
INTERNATIONAL ASSOCIATION OF SCIENTOLOGISTS

PROJECT
JUHRING & HOBBS
SAINT HILL SITE 1&2
RH19 4JY

TITLE
PRIVATE DRAINAGE CONSTRUCTION DETAILS
SHEET 2 OF 3

DRAWN	ENGINEER	CHECKED BY	APPROVED BY
RCC	RCC	MT	MT

DATE APPROVED /2026 | SCALE @ A1 1:20

STATUS
S3 - Suitable for Review and Comment

DRAWING No. 25-649-QED-ZZ-XX-DR-C-0511 | REVISION P01

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